

Cattle



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January 1 Cattle Inventory Down 2 Percent

All cattle and calves in the United States as of January 1, 1997, totaled 101.2 million head, 2 percent below the 103.5 million on January 1, 1996 and 2 percent below the 102.8 million two years ago.

All cows and heifers that have calved, at 43.6 million, were 2 percent below the 44.6 million on January 1, 1996 and 2 percent below the 44.6 million two years ago.

- **Beef cows**, at 34.3 million, were down 3 percent from January 1, 1996 and 2 percent below two years ago.
- **Milk cows**, at 9.28 million, were down 1 percent from January 1, 1996 and 2 percent below two years ago.

Other class estimates on January 1, 1997, and the changes from January 1 last year and two years ago, respectively, are as follows:

- **All heifers 500 pounds and over**, 20.3 million, slightly above and up 2 percent.
- **Beef replacement heifers**, 6.05 million, down 2 percent and down 7 percent.
- **Milk replacement heifers**, 4.04 million, down 2 percent and down 3 percent.
- **Other heifers**, 10.2 million, up 3 percent and up 10 percent.
- **Steers weighing 500 pounds and over**, 17.3 million, down 2 percent and down 1 percent.
- **Bulls weighing 500 pounds and over**, 2.34 million, down 2 percent from both years.
- **Calves under 500 pounds**, 17.7 million, down 4 percent from both years.
- **All cattle and calves on feed for slaughter**, 13.2 million, up 2 percent and up 6 percent.

Calf Crop Down 2 Percent

The 1996 calf crop was estimated at 39.6 million, down 2 percent from 1995 and down 1 percent from 1994. Calves born during the first half of the year are estimated at 29.2 million, down 1 percent from 1995 and slightly below 1994.

Cattle Operations Down 1 Percent

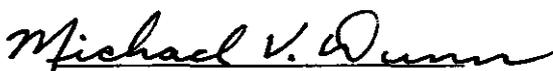
The number of operations with cattle totaled 1,194,390 during 1996, down 1 percent from 1995 and 2 percent below 1994. Beef cow operations in 1996 were down 1 percent from both 1995 and 1994. Milk cow operations were 7 percent below last year and 15 percent below two years ago.

The three operation classes, cattle, beef cows and milk cows, are classified into size groups independently. Therefore, it is possible to have more beef cow operations in a particular size group than cattle operations. As an example, an operator with 75 cattle and 40 beef cows would be classified in the 50-99 size group for cattle and the 1-49 size group for beef cows.

Revisions

Minor revisions were made to the 1996 estimates based on the current and previous survey data, livestock slaughter, and trade data. The revisions lowered the all cattle and calves estimate 0.3 percent. All cows and calf crop estimates were lowered 0.2 percent and 0.1 percent respectively.

This report was approved on January 31, 1997.



Acting Secretary of
Agriculture
Michael V. Dunn



Agricultural Statistics Board
Chairperson
Rich Allen

**Cattle and Calves: Number by Class and Calf Crop,
United States, January 1, 1995-97¹**

Class	1995	1996 ²	1997	1997 as % of 1996
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
Cattle and Calves	102,755	103,487	101,209	98
Cows and Heifers That Have Calved	44,643	44,644	43,561	98
Beef Cows	35,156	35,228	34,280	97
Milk Cows	9,487	9,416	9,281	99
Heifers 500 Pounds and Over	19,891	20,232	20,306	100
For Beef Cow Replacement	6,475	6,179	6,051	98
For Milk Cow Replacement	4,141	4,104	4,037	98
Other Heifers	9,275	9,949	10,219	103
Steers 500 Pounds and Over	17,463	17,732	17,315	98
Bulls 500 Pounds and Over	2,390	2,392	2,339	98
Calves Under 500 Pounds	18,369	18,488	17,688	96
	1994	1995 ²	1996	1996 as % of 1995
Calf Crop	40,059	40,211	39,586	98

¹ Totals may not add due to rounding.

² Revised.

Cattle and Calves: Balance Sheet, United States, 1994-96¹

Item	1994	1995	1996
	<i>Million Head</i>	<i>Million Head</i>	<i>Million Head</i>
January 1 Beginning Inventory	101.0	102.8	103.5
Calf Crop and Imports	42.1	43.0	41.6
Total Supply ²	143.1	145.8	145.0
Slaughter	35.7	37.3	38.6
Deaths and Exports	4.5	4.5	4.7
Total Disappearance ²	40.2	41.8	43.3
Residual ²	-.2	-.5	-.5
January 1 Ending Inventory	102.8	103.5	101.2

¹ Final 1995 and preliminary 1996 estimates will be published in the "Meat Animals - Production, Disposition and Income" report published in April 1997.

² Totals may not add due to rounding.

**Cattle and Calves: Number by Class, State, and United States,
January 1, 1996-97**

State	All Cattle and Calves			All Cows That Have Calved		
	1996	1997	1997 as % of 96	1996	1997	1997 as % of 96
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
AL	1,750	1,600	91	930	860	92
AK	10.2	10.7	105	3.9	4.2	108
AZ	840	790	94	345	320	93
AR	1,910	1,900	99	1,010	1,010	100
CA	4,600	4,550	99	2,100	2,090	100
CO	3,100	3,150	102	920	910	99
CT	70	71	101	37	37	100
DE	31	27	87	13	13	100
FL	1,990	1,970	99	1,260	1,230	98
GA	1,550	1,490	96	810	790	98
HI	171	166	97	90	91	101
ID	1,770	1,750	99	750	760	101
IL	1,770	1,680	95	620	610	98
IN	1,130	1,150	102	450	460	102
IA	3,950	3,900	99	1,300	1,280	98
KS	6,500	6,550	101	1,590	1,570	99
KY	2,700	2,550	94	1,360	1,310	96
LA	1,020	1,000	98	630	625	99
ME	117	116	99	57	56	98
MD	290	270	93	155	138	89
MA	67	62	93	36	34	94
MI	1,170	1,130	97	450	435	97
MN	2,900	2,750	95	1,040	1,000	96
MS	1,390	1,340	96	760	730	96
MO	4,550	4,450	98	2,300	2,250	98
MT	2,750	2,700	98	1,590	1,590	100
NE	6,350	6,550	103	2,000	2,000	100
NV	500	520	104	260	270	104
NH	45	41	91	23	21	91
NJ	68	68	100	38	35	92
NM	1,520	1,490	98	750	730	97
NY	1,510	1,540	102	770	775	101
NC	1,200	1,190	99	580	590	102
ND	1,920	1,900	99	1,000	1,000	100
OH	1,540	1,460	95	630	600	95
OK	5,500	5,400	98	2,080	2,060	99
OR	1,460	1,450	99	705	700	99
PA	1,790	1,750	98	820	800	98
RI	8.0	7.0	88	3.7	3.5	95
SC	520	520	100	275	275	100
SD	3,850	3,800	99	1,810	1,770	98
TN	2,650	2,400	91	1,280	1,200	94
TX	15,000	14,100	94	6,300	5,850	93
UT	910	930	102	435	445	102
VT	300	300	100	172	168	98
VA	1,800	1,830	102	860	865	101
WA	1,270	1,200	94	570	560	98
WV	470	450	96	250	230	92
WI	3,800	3,700	97	1,675	1,610	96
WY	1,410	1,490	106	750	800	107
US	103,487.2	101,208.7	98	44,643.6	43,560.7	98

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**Cattle and Calves: Number by Class, State, and United States,
January 1, 1996-97 (continued)**

State	Beef Cows That Have Calved			Milk Cows That Have Calved		
	1996	1997	1997 as % of 96	1996	1997	1997 as % of 96
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
AL	898	829	92	32	31	97
AK	3.1	3.3	106	.8	.9	113
AZ	227	200	88	118	120	102
AR	952	954	100	58	56	97
CA	840	820	98	1,260	1,270	101
CO	838	826	99	82	84	102
CT	6	7	117	31	30	97
DE	3	3	100	10	10	100
FL	1,105	1,072	97	155	158	102
GA	710	692	97	100	98	98
HI	80	81	101	10	10	100
ID	505	492	97	245	268	109
IL	460	460	100	160	150	94
IN	310	320	103	140	140	100
IA	1,050	1,030	98	250	250	100
KS	1,507	1,489	99	83	81	98
KY	1,200	1,160	97	160	150	94
LA	551	547	99	79	78	99
ME	18	17	94	39	39	100
MD	64	53	83	91	85	93
MA	9	8	89	27	26	96
MI	122	125	102	328	310	95
MN	440	405	92	600	595	99
MS	708	682	96	52	48	92
MO	2,115	2,075	98	185	175	95
MT	1,570	1,570	100	20	20	100
NE	1,930	1,932	100	70	68	97
NV	237	244	103	23	26	113
NH	4	4	100	19	17	89
NJ	15	14	93	23	21	91
NM	560	533	95	190	197	104
NY	70	75	107	700	700	100
NC	494	512	104	86	78	91
ND	936	940	100	64	60	94
OH	345	315	91	285	285	100
OK	1,983	1,965	99	97	95	98
OR	610	607	100	95	93	98
PA	172	157	91	648	643	99
RI	1.5	1.5	100	2.2	2.0	91
SC	249	249	100	26	26	100
SD	1,695	1,660	98	115	110	96
TN	1,160	1,085	94	120	115	96
TX	5,900	5,460	93	400	390	98
UT	350	355	101	85	90	106
VT	14	12	86	158	156	99
VA	732	740	101	128	125	98
WA	306	294	96	264	266	101
WV	229	211	92	21	19	90
WI	200	200	100	1,475	1,410	96
WY	744	794	107	6	6	100
US	35,227.6	34,279.8	97	9,416.0	9,280.9	99

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**Cattle and Calves: Number by Class, State, and United States,
January 1, 1996-97 (continued)**

State	Heifers 500 Pounds and Over					
	Beef Cow Replacement		Milk Cow Replacement		Other	
	1996	1997	1996	1997	1996	1997
<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	
AL	155	138	18	11	52	46
AK	1.0	1.0	.3	.3	.1	.1
AZ	43	35	22	20	22	30
AR	195	190	23	20	52	50
CA	160	155	600	590	170	155
CO	160	155	45	45	705	710
CT	2	2	14	13	0	0
DE	1.0	1.0	3.0	2.4	1.0	1.0
FL	155	155	40	40	20	25
GA	115	118	40	37	45	42
HI	14	16	4	5	8	6
ID	95	95	105	115	200	185
IL	65	65	75	70	300	240
IN	47	48	65	67	83	90
IA	150	160	100	100	640	640
KS	230	210	40	45	1,300	1,470
KY	205	190	60	55	130	112
LA	97	93	17	19	16	16
ME	8	5	21	22	1	2
MD	15	15	37	34	12	12
MA	3	2	9	9	1	0
MI	30	33	155	145	45	42
MN	95	90	330	330	235	220
MS	149	130	20	19	31	32
MO	345	320	80	75	265	265
MT	330	350	7	7	265	205
NE	280	280	25	25	1,380	1,480
NV	47	47	9	10	34	37
NH	2	2	8	7	0	0
NJ	3	3	8	8	2	2
NM	110	110	45	45	105	105
NY	30	30	320	330	45	50
NC	125	113	32	34	30	27
ND	155	160	20	20	215	225
OH	70	65	130	130	85	85
OK	390	360	45	40	495	510
OR	125	125	40	45	125	120
PA	44	44	290	285	46	46
RI	.7	.5	1.0	.9	.1	.1
SC	46	47	10	10	16	16
SD	250	260	35	30	540	510
TN	260	210	55	55	115	90
TX	860	880	110	100	1,560	1,770
UT	68	70	43	45	64	73
VT	5	5	57	56	1	2
VA	125	130	70	60	75	85
WA	73	64	102	96	110	97
WV	40	38	8	8	38	34
WI	55	60	710	700	105	100
WY	150	175	1	1	164	159
US	6,178.7	6,050.5	4,104.3	4,036.6	9,949.2	10,219.2

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**Cattle and Calves: Number by Class, State, and United States,
January 1, 1996-97 (continued)**

State	Steers 500 Pounds and Over		Bulls 500 Pounds and Over		Calves Under 500 Pounds	
	1996	1997	1996	1997	1996	1997
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>
AL	88	80	62	55	445	410
AK	1.1	1.0	2.2	2.3	1.6	1.8
AZ	235	240	24	20	149	125
AR	110	100	60	60	460	470
CA	550	560	70	70	950	930
CO	970	1,030	50	50	250	250
CT	2	2	1	1	14	16
DE	8.0	4.2	.3	.4	4.7	5.0
FL	25	40	70	70	420	410
GA	57	48	48	45	435	410
HI	8	8	5	5	42	35
ID	360	350	40	40	220	205
IL	350	340	35	35	325	320
IN	175	175	25	25	285	285
IA	995	960	75	70	690	690
KS	2,400	2,330	90	85	850	840
KY	215	205	80	78	650	600
LA	27	26	35	34	198	187
ME	4	5	2	2	24	24
MD	18	20	5	5	48	46
MA	4	3	1	1	13	13
MI	220	215	20	20	250	240
MN	570	510	40	40	590	560
MS	57	70	50	49	323	310
MO	445	470	125	120	990	950
MT	330	300	93	98	135	150
NE	1,970	2,100	95	95	600	570
NV	50	54	13	14	87	88
NH	2	2	1	1	9	8
NJ	4	6	2	2	11	12
NM	215	210	45	45	250	245
NY	35	35	20	20	290	300
NC	78	65	40	41	315	320
ND	290	275	60	60	180	160
OH	260	240	30	30	335	310
OK	1,240	1,160	130	130	1,120	1,140
OR	200	190	40	40	225	230
PA	197	197	28	28	365	350
RI	.5	.5	.4	.3	1.6	1.2
SC	26	25	22	22	125	125
SD	660	690	85	80	470	460
TN	160	135	80	70	700	640
TX	3,000	2,700	400	380	2,770	2,420
UT	141	138	22	24	137	135
VT	4	5	3	4	58	60
VA	195	210	45	45	430	435
WA	205	185	28	27	182	171
WV	45	45	14	15	75	80
WI	350	355	35	35	870	840
WY	180	200	45	50	120	105
US	17,731.6	17,314.7	2,391.9	2,339.0	18,487.9	17,688.0

Calf Crop: Number by State and United States, 1995-96

State	1995	1996	1996 as % 1995
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
AL	820	790	96
AK	3.2	3.3	103
AZ	290	275	95
AR	860	870	101
CA	1,780	1,750	98
CO	860	870	101
CT	33	33	100
DE	9.0	8.5	94
FL	1,040	1,030	99
GA	700	680	97
HI	67	65	97
ID	700	720	103
IL	560	550	98
IN	410	410	100
IA	1,190	1,200	101
KS	1,460	1,440	99
KY	1,250	1,230	98
LA	480	475	99
ME	49	51	104
MD	125	113	90
MA	30	30	100
MI	420	400	95
MN	1,010	980	97
MS	650	640	98
MO	2,100	2,100	100
MT	1,540	1,540	100
NE	1,800	1,820	101
NV	220	220	100
NH	20	18	90
NJ	29	28	97
NM	590	570	97
NY	670	670	100
NC	510	520	102
ND	960	960	100
OH	570	540	95
OK	1,920	1,950	102
OR	640	630	98
PA	730	710	97
RI	3.5	3.5	100
SC	220	220	100
SD	1,770	1,740	98
TN	1,180	1,120	95
TX	5,550	5,250	95
UT	385	395	103
VT	162	158	98
VA	790	790	100
WA	520	510	98
WV	215	210	98
WI	1,580	1,530	97
WY	740	770	104
US	40,210.7	39,586.3	98

**Cattle and Calves: Total Number on Feed by State
and United States, January 1, 1996-97¹**

State	1996	1997	1997 as
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>% of 1996</i>
AL	5	5	100
AZ	222	233	105
AR	18	19	106
CA	350	375	107
CO	1,070	1,130	106
GA	10	5	50
ID	270	270	100
IL	290	265	91
IN	200	220	110
IA	900	1,000	111
KS	2,210	2,220	100
KY	25	20	80
LA	3	3	100
MD	17	11	65
MI	200	200	100
MN	335	300	90
MS	4	4	100
MO	100	95	95
MT	105	85	81
NE	2,030	2,220	109
NV	22	25	114
NJ	4	6	150
NM	136	137	101
NY	30	30	100
NC	10	10	100
ND	75	100	133
OH	235	200	85
OK	415	400	96
OR	80	80	100
PA	75	75	100
SC	8	6	75
SD	330	320	97
TN	20	20	100
TX	2,630	2,630	100
UT	60	50	83
VA	35	30	86
WA	166	163	98
WV	9	8	89
WI	150	150	100
WY	95	80	84
Oth Sts ²	19	16	82
US	12,968	13,216	102

¹ Cattle and calves on feed are animals for slaughter market being fed a ration of grain or other concentrates and are expected to produce a carcass that will grade select or better. Cattle and calves on feed are included in the cattle inventory estimates by classes.

² Other States include AK, CT, DE, FL, HI, ME, MA, NH, RI, and VT.

**Cattle and Calves: Number by Class and Calf Crop
United States, July 1, 1994-96**

Class	1994	1995	1996	1996 as % of 1995
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
Cattle and Calves	111,300	113,000	111,500	99
Cows and Heifers That Have Calved	45,100	45,600	45,000	99
Beef Cows	35,600	36,100	35,600	99
Milk Cows	9,500	9,500	9,400	99
Heifers 500 Pounds and Over	17,400	17,600	17,300	98
For Beef Cow Replacement	5,900	5,700	5,500	96
For Milk Cow Replacement	4,000	3,900	3,700	95
Other Heifers	7,500	8,000	8,100	101
Steers 500 Pounds and Over	15,200	15,400	15,100	98
Bulls 500 Pounds and Over	2,300	2,400	2,400	100
Calves Under 500 Pounds	31,300	32,000	31,700	99
Calf Crop	40,059	40,211	39,586	98

**Calf Crop: Number and Percent of Total by Six Month Period,
United States, 1994-96**

Period	1994		1995		1996	
	Number	% of Total	Number	% of Total	Number	% of Total
	<i>1,000 Hd</i>	<i>Percent</i>	<i>1,000 Hd</i>	<i>Percent</i>	<i>1,000 Hd</i>	<i>Percent</i>
Jan 1 - Jun 30	29,300	73.1	29,500	73.4	29,200	73.8
Jul 1 - Dec 31	10,759	26.9	10,711	26.6	10,386	26.2
Total	40,059	100.0	40,211	100.0	39,586	100.0

**Cattle and Calves: Balance Sheet, United States,
January 1 - June 30, 1994-96**

Item	1994	1995	1996
	<i>Million Head</i>	<i>Million Head</i>	<i>Million Head</i>
January 1 Inventory	101.0	102.8	103.5
Calf Crop and Imports	30.4	31.2	30.3
Total Supply ¹	131.4	133.9	133.8
Slaughter	17.5	18.3	19.5
Deaths and Exports	2.5	2.5	2.7
Total Disappearance ¹	19.9	20.8	22.2
Residual ¹	-1	-1	-1
July 1 Inventory	111.3	113.0	111.5

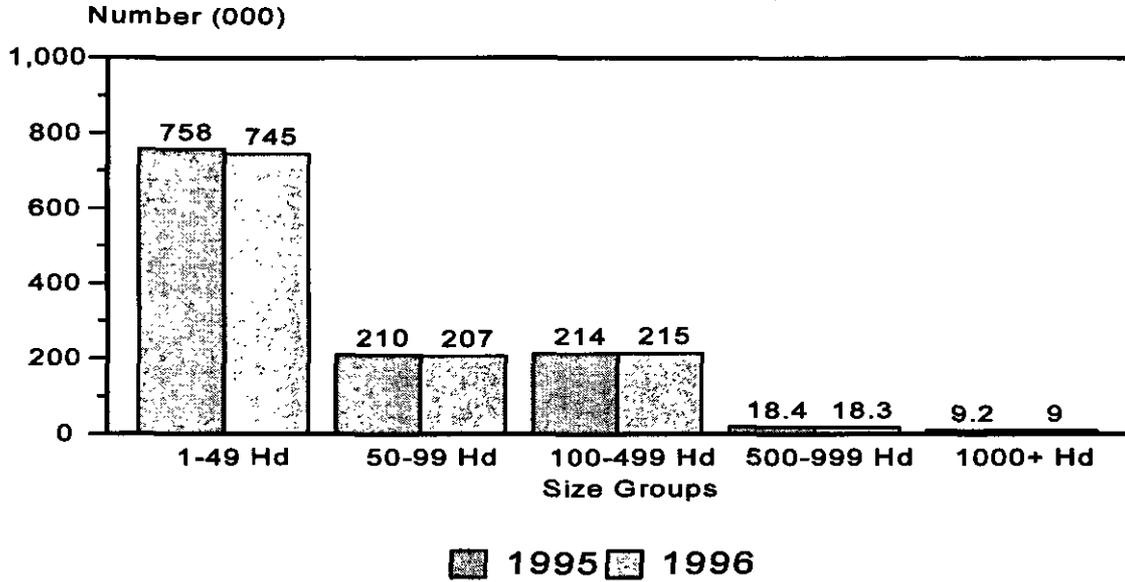
¹ Totals may not add due to rounding.

**Cattle and Calves: Number of Operations by State
and United States, 1995-96 ¹**

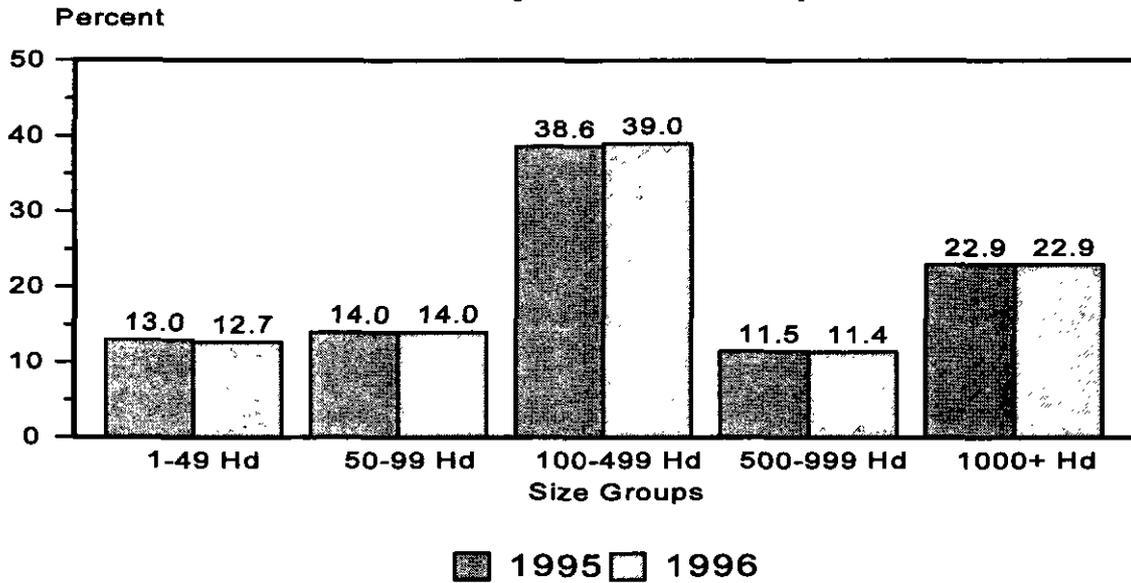
State	Operations With Cattle and Calves	
	1995 <i>Number</i>	1996 <i>Number</i>
AL	35,000	33,000
AK	120	110
AZ	4,300	4,000
AR	32,000	29,000
CA	25,000	24,000
CO	13,000	12,500
CT	1,200	1,100
DE	580	540
FL	21,000	20,000
GA	29,000	27,000
HI	800	800
ID	12,500	12,500
IL	27,000	27,000
IN	28,000	27,000
IA	45,000	44,000
KS	38,000	39,000
KY	54,000	54,000
LA	17,500	17,500
ME	2,500	2,400
MD	6,500	5,800
MA	1,600	1,400
MI	19,000	19,000
MN	37,000	36,000
MS	30,000	31,000
MO	75,000	74,000
MT	12,700	13,200
NE	28,000	28,000
NV	1,600	1,600
NH	1,000	950
NJ	2,000	2,000
NM	9,000	8,500
NY	19,000	18,000
NC	33,000	33,000
ND	14,000	14,000
OH	34,000	34,000
OK	63,000	64,000
OR	22,000	22,000
PA	33,000	33,000
RI	210	190
SC	14,000	12,000
SD	21,000	20,000
TN	63,000	63,000
TX	149,000	149,000
UT	7,700	7,800
VT	3,800	3,800
VA	31,000	32,000
WA	20,000	20,000
WV	17,000	17,000
WI	50,000	49,000
WY	5,700	5,700
US	1,210,310	1,194,390

¹ An operation is any place having one or more head of cattle on hand at any time during the year.

U. S. Cattle Operations Number by Size Group, 1995-1996



U.S. Cattle Inventory Percent by Size Group, 1995-96



**Cattle and Calves: Number of Operations by Size Group,
Selected States, and United States, 1995-96 ¹**

State	Operations Having					
	1-49 Head		50-99 Head		100-499 Head	
	1995	1996	1995	1996	1995	1996
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
AL	25,000	24,000	5,200	4,400	4,470	4,290
AZ	2,800	2,600	400	500	780	580
AR	20,000	17,000	7,100	7,000	4,600	4,700
CA	16,900	16,000	2,000	2,000	3,700	3,700
CO	5,700	5,500	2,000	1,800	4,200	4,100
FL	15,700	15,100	2,200	1,900	2,400	2,300
GA	21,000	19,000	4,100	4,100	3,600	3,700
ID	7,300	7,600	1,800	1,700	2,800	2,590
IL	17,000	17,200	5,300	5,200	4,500	4,400
IN	22,000	21,000	3,600	3,600	2,300	2,300
IA	21,000	21,000	10,500	10,500	12,400	11,500
KS	17,700	18,700	8,300	8,300	10,500	10,500
KY	37,000	37,000	10,000	9,900	6,730	6,800
LA	11,900	11,200	3,000	3,100	2,400	2,900
MD	4,600	4,100	900	700	970	970
MI	12,900	13,200	2,900	2,800	2,900	2,800
MN	16,900	16,100	10,600	10,300	9,100	9,200
MS	22,000	23,000	4,200	4,100	3,500	3,600
MO	48,000	46,000	14,500	15,200	12,000	12,300
MT	4,000	4,500	1,800	2,200	5,500	5,200
NE	10,100	9,900	6,000	6,000	9,800	9,800
NM	4,900	4,400	1,100	1,100	2,100	2,100
NY	10,000	9,400	4,100	3,800	4,700	4,600
NC	27,000	27,000	4,100	4,100	1,810	1,810
ND	3,500	3,400	3,400	3,400	6,500	6,600
OH	27,000	27,000	3,780	3,780	3,100	3,100
OK	39,000	39,000	11,300	11,800	11,300	11,900
OR	17,100	17,100	1,900	1,900	2,300	2,300
PA	21,000	21,000	7,100	7,000	4,800	4,900
SD	5,800	5,400	4,200	4,000	9,100	8,800
TN	47,000	47,000	10,000	10,000	5,800	5,800
TX	96,000	96,000	26,000	25,000	23,000	24,000
UT	4,300	4,300	1,100	1,100	1,900	2,000
VT	1,400	1,400	1,100	1,100	1,250	1,250
VA	21,000	22,000	5,200	5,200	4,500	4,500
WA	16,000	16,000	1,200	1,200	2,300	2,300
WI	21,000	21,000	13,600	12,800	15,050	14,800
WY	1,800	2,000	900	700	2,200	2,200
Oth Sts	35,000	32,000	3,700	4,000	3,300	3,500
US	758,300	745,100	210,180	207,280	214,160	214,690

See footnotes at end of table.

--continued

Cattle and Calves: Number of Operations by Size Group, Selected States, and United States, 1995-96¹ (continued)

State	Operations Having			
	500-999 Head		1,000+ Head	
	1995 <i>Number</i>	1996 <i>Number</i>	1995 <i>Number</i>	1996 <i>Number</i>
AL	270	250	60	60
AZ	160	160	160	160
AR	250	250	50	50
CA	1,300	1,200	1,100	1,100
CO	700	700	400	400
FL	400	400	300	300
GA	250	160	50	40
ID	370	370	230	240
IL	140	150	60	50
IN	80	80	20	20
IA	700	650	400	350
KS	1,000	1,000	500	500
KY	230	250	40	50
LA	160	240	40	60
MD	20	20	10	10
MI	250	160	50	40
MN	300	300	100	100
MS	260	260	40	40
MO	450	410	50	90
MT	1,050	900	350	400
NE	1,200	1,400	900	900
NM	500	500	400	400
NY	150	150	50	50
NC	70	70	20	20
ND	520	520	80	80
OH	100	100	20	20
OK	900	850	500	450
OR	450	450	250	250
PA	80	80	20	20
SD	1,300	1,200	600	600
TN	160	160	40	40
TX	2,500	2,700	1,500	1,300
UT	270	280	130	120
VT	50	50		
VA	250	250	50	50
WA	350	350	150	150
WI	300	340	50	60
WY	500	500	300	300
Oth Sts	440	430	170	160
US	18,430	18,290	9,240	9,030

¹ An operation is any place having one or more head of cattle on hand at any time during the year. Missing data combined with other size groups.

**Cattle and Calves: Percent of Inventory by Size Group,
Selected States, and United States, 1995-96 ¹**

State	Inventory on Operations Having									
	1-49 Head		50-99 Head		100-499 Head		500-999 Head		1,000+ Head	
	1995	1996	1995	1996	1995	1996	1995	1996	1995	1996
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
AL	26.0	27.0	18.0	16.0	42.0	43.0	9.4	9.2	4.6	4.8
AZ	1.9	2.5	3.1	5.5	14.0	10.0	10.0	12.0	71.0	70.0
AR	23.0	18.0	25.0	25.0	43.0	46.0	6.0	7.0	3.0	4.0
CA	3.4	3.3	2.6	2.7	18.0	19.0	20.0	19.0	56.0	56.0
CO	3.0	3.2	4.0	3.8	28.0	29.0	16.0	15.0	49.0	49.0
FL	13.0	12.0	7.0	7.0	24.0	23.0	12.0	13.0	44.0	45.0
GA	23.0	25.0	18.0	19.0	41.0	44.0	12.0	7.5	6.0	4.5
ID	6.0	6.0	7.0	7.0	35.0	33.0	14.0	14.0	38.0	40.0
IL	18.0	19.0	21.0	21.0	49.0	49.0	5.8	6.5	6.2	4.5
IN	34.0	32.0	21.0	23.0	35.0	36.0	6.3	5.0	3.7	4.0
IA	10.0	10.0	17.0	18.0	51.0	49.0	11.0	10.0	11.0	13.0
KS	6.0	6.3	9.0	9.7	33.0	33.0	11.0	11.0	41.0	40.0
KY	25.0	23.0	25.0	25.0	42.0	43.0	5.6	6.0	2.4	3.0
LA	22.0	17.0	20.0	18.0	42.0	44.0	11.0	13.0	5.0	8.0
MD	21.0	20.0	20.0	16.0	51.0	56.0	4.0	4.0	4.0	4.0
MI	18.0	19.0	17.0	16.0	48.0	49.0	11.0	9.0	6.0	7.0
MN	12.0	11.0	26.0	24.0	50.0	53.0	7.0	7.0	5.0	5.0
MS	23.0	23.0	19.0	18.0	40.0	41.0	13.0	13.0	5.0	5.0
MO	23.0	21.0	22.0	22.0	47.0	48.0	6.0	5.5	2.0	3.5
MT	3.0	3.0	4.5	6.0	42.0	41.0	25.5	21.0	25.0	29.0
NE	3.5	3.3	7.0	6.7	33.0	31.0	13.5	15.0	43.0	44.0
NM	5.0	4.0	4.0	4.0	22.0	22.0	17.0	17.0	52.0	53.0
NY	10.0	12.0	20.0	20.0	58.0	56.0	6.7	6.8	5.3	5.2
NC	39.0	38.0	22.0	23.0	31.0	31.0	4.5	4.7	3.5	3.3
ND	4.0	4.0	12.0	12.0	61.0	62.0	16.0	16.0	7.0	6.0
OH	31.0	32.0	20.0	19.0	42.0	42.0	4.5	4.5	2.5	2.5
OK	15.0	15.0	14.0	15.0	41.0	40.0	10.0	10.0	20.0	20.0
OR	12.0	13.0	9.0	8.0	33.0	33.0	19.0	18.0	27.0	28.0
PA	21.0	20.0	27.0	26.0	47.0	49.0	3.0	3.0	2.0	2.0
SD	3.5	3.6	7.5	7.4	49.0	49.0	20.0	20.0	20.0	20.0
TN	32.0	32.0	26.0	26.0	36.0	36.0	4.0	4.0	2.0	2.0
TX	12.0	12.0	13.0	12.0	31.0	33.0	11.0	12.0	33.0	31.0
UT	7.3	7.4	8.7	8.6	42.0	44.0	19.0	18.0	23.0	22.0
VT	9.0	9.0	21.0	21.0	59.0	60.0	11.0	10.0		
VA	24.0	24.0	19.0	21.0	43.0	44.0	9.6	7.0	4.4	4.0
WA	12.0	11.0	6.0	6.0	35.0	36.0	18.0	17.0	29.0	30.0
WI	9.5	9.5	24.0	23.0	60.0	60.0	4.8	5.5	1.7	2.0
WY	1.5	2.0	3.5	3.0	32.0	32.0	22.0	22.0	41.0	41.0
Oth Sts	19.0	19.0	16.0	16.0	35.0	36.0	10.0	10.0	20.0	19.0
US	13.0	12.7	14.0	14.0	38.6	39.0	11.5	11.4	22.9	22.9

¹ Percents reflect average distributions of various probability surveys conducted during the year but are based primarily on beginning-of-year and mid-year surveys. Missing data combined with other size groups.

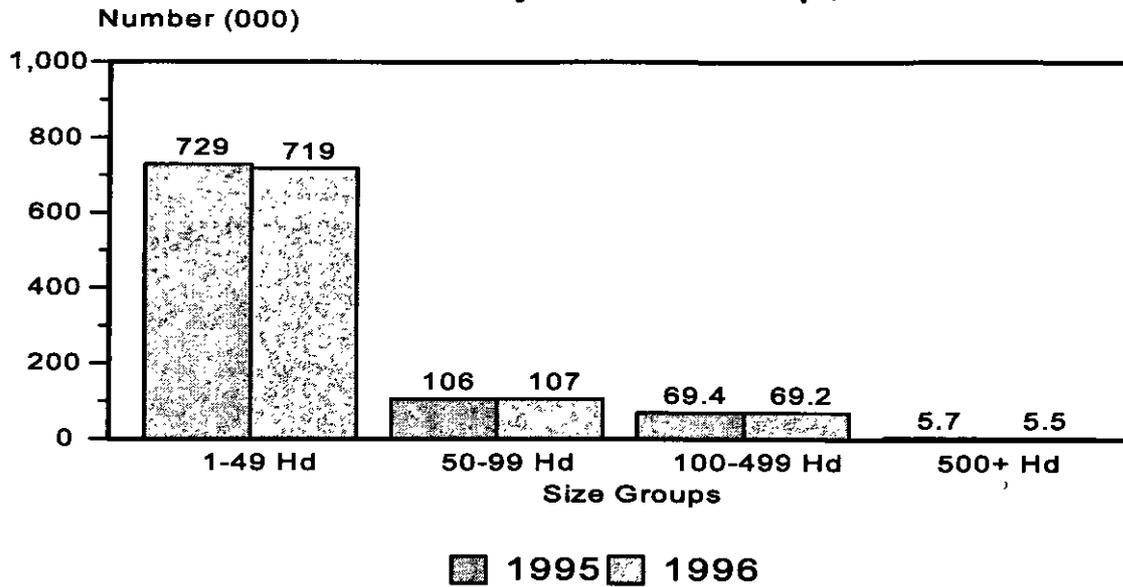
Beef Cows: Number of Operations by State and United States, 1995-96 ¹

State	Operations With Beef Cows ²	
	1995 <i>Number</i>	1996 <i>Number</i>
AL	33,000	32,000
AK	80	80
AZ	2,500	2,400
AR	28,000	26,000
CA	16,000	15,000
CO	10,000	9,500
CT	700	650
DE	220	220
FL	19,000	18,000
GA	27,000	25,000
HI	750	750
ID	7,500	7,500
IL	18,000	17,800
IN	16,500	16,000
IA	28,000	28,000
KS	30,000	30,000
KY	45,000	45,000
LA	16,600	16,600
ME	1,400	1,300
MD	3,700	3,200
MA	900	800
MI	9,000	8,500
MN	16,000	16,000
MS	28,000	29,000
MO	63,000	64,000
MT	11,500	11,700
NE	22,000	22,000
NV	1,300	1,300
NH	550	550
NJ	1,200	1,200
NM	7,000	6,500
NY	6,500	6,200
NC	30,000	30,000
ND	12,400	12,400
OH	21,000	21,000
OK	53,000	54,000
OR	17,200	16,800
PA	12,000	12,000
RI	130	130
SC	13,000	11,000
SD	18,000	18,000
TN	54,000	54,000
TX	134,000	133,000
UT	5,100	5,200
VT	1,300	1,300
VA	25,000	26,000
WA	13,000	13,000
WV	15,000	15,000
WI	10,200	10,200
WY	4,900	4,900
US	910,130	900,680

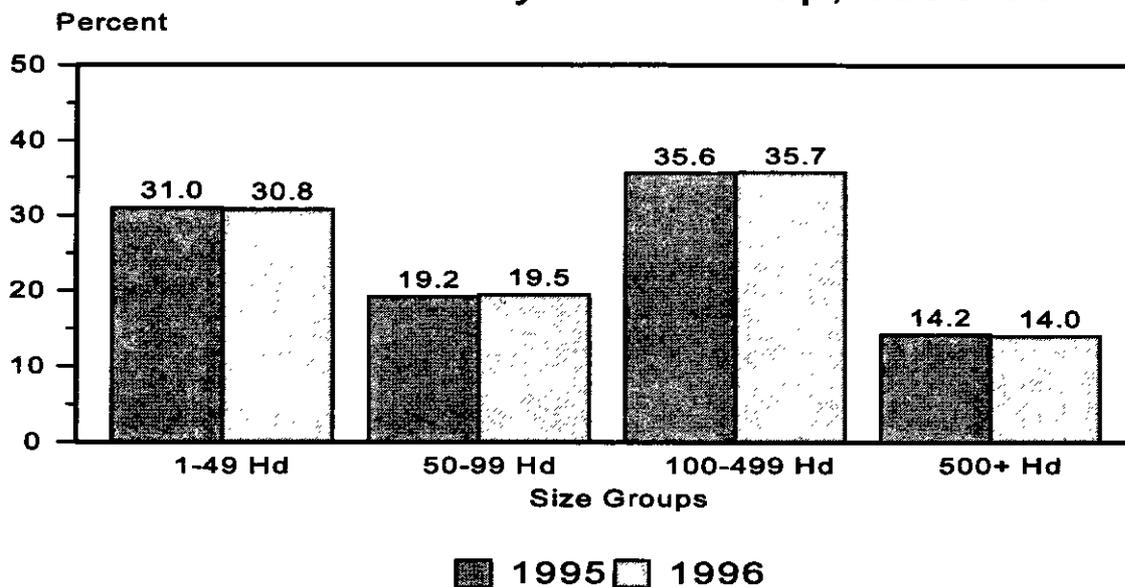
¹ An operation is any place having one or more head of beef cows on hand at any time during the year.

² Included in operations with cattle.

U.S. Beef Cow Operations Number by Size Group, 1995-96



U.S. Beef Cow Inventory Percent by Size Group, 1995-96



Beef Cows: Number of Operations by Size Group, Selected States, and United States, 1995-96^{1 2}

State	Operations Having							
	1-49 Head		50-99 Head		100-499 Head		500+ Head	
	1995	1996	1995	1996	1995	1996	1995	1996
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
AL	28,000	27,000	3,200	3,200	1,750	1,750	50	50
AZ	1,500	1,500	250	330	580	400	170	170
AR	22,000	20,000	4,100	4,100	1,850	1,870	50	30
CA	12,500	11,700	1,300	1,200	1,900	1,800	300	300
CO	5,800	5,300	1,400	1,500	2,600	2,450	200	250
FL	15,300	14,400	1,700	1,600	1,650	1,650	350	350
GA	23,000	21,000	2,700	2,800	1,270	1,180	30	20
ID	5,000	5,000	1,100	1,100	1,280	1,280	120	120
IL	15,800	15,600	1,600	1,600	590	600	10	
IN	15,600	15,000	660	800	240	200		
IA	21,000	21,000	5,000	5,150	1,950	1,800	50	50
KS	20,000	20,000	5,900	5,900	3,950	3,980	150	120
KY	39,000	38,500	4,500	4,700	1,470	1,770	30	30
LA	13,600	13,400	1,800	1,700	1,100	1,400	100	100
MN	13,500	13,500	2,000	2,000	480	480	20	20
MS	24,000	25,000	3,100	3,000	860	960	40	40
MO	51,000	52,000	8,400	8,000	3,500	3,900	100	100
MT	4,400	4,300	2,000	2,650	4,600	4,200	500	550
NE	12,300	12,300	4,500	4,600	4,700	4,600	500	500
NM	4,400	3,900	1,000	1,000	1,300	1,300	300	300
ND	5,800	5,700	3,500	3,500	3,040	3,140	60	60
OH	20,000	20,000	780	780	220	220		
OK	40,000	41,000	8,300	8,400	4,500	4,400	200	200
OR	14,400	14,000	1,300	1,300	1,300	1,300	200	200
PA	11,500	11,500	380	380	120	120		
SD	8,400	8,200	4,300	4,500	5,000	5,000	300	300
TN	48,500	48,000	4,000	4,600	1,470	1,370	30	30
TX	105,000	104,000	17,500	17,500	10,300	10,500	1,200	1,000
UT	3,300	3,400	790	790	900	890	110	120
VA	21,000	22,000	2,800	2,800	1,170	1,170	30	30
WA	11,400	11,500	700	700	840	750	60	50
WY	1,700	1,800	1,000	1,000	1,900	1,800	300	300
Oth Sts	90,000	87,000	4,800	4,300	970	930	160	150
US	728,700	718,500	106,360	107,480	69,350	69,160	5,720	5,540

¹ An operation is any place having one or more head of beef cows on hand at any time during the year.

² Included in operations with cattle. Missing data combined with other size groups.

Beef Cows: Percent of Inventory by Size Group, Selected States, and United States, 1995-96^{1 2}

State	Inventory on Operations Having							
	1-49 Head		50-99 Head		100-499 Head		500+ Head	
	1995	1996	1995	1996	1995	1996	1995	1996
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
AL	45.0	44.0	22.0	22.0	29.5	30.5	3.5	3.5
AZ	5.0	5.0	6.0	12.0	36.0	32.0	53.0	51.0
AR	41.0	40.0	27.0	26.0	29.0	32.0	3.0	2.0
CA	14.0	14.0	10.0	9.0	44.0	44.0	32.0	33.0
CO	11.0	11.0	12.0	12.0	57.0	54.0	20.0	23.0
FL	18.0	17.0	10.0	9.0	28.0	27.0	44.0	47.0
GA	45.0	45.0	24.0	27.0	28.0	26.0	3.0	2.0
ID	15.0	14.0	13.0	13.0	48.0	49.0	24.0	24.0
IL	60.0	57.0	25.0	24.0	14.0	19.0	1.0	
IN	73.0	68.0	15.0	19.0	12.0	13.0		
IA	41.0	41.0	29.0	30.0	26.0	25.0	4.0	4.0
KS	26.0	28.0	24.0	24.0	42.0	42.0	8.0	6.0
KY	54.0	52.0	25.0	25.0	19.5	21.5	1.5	1.5
LA	34.0	28.0	19.0	18.0	37.0	42.0	10.0	12.0
MN	52.0	50.0	29.0	30.0	15.0	16.0	4.0	4.0
MS	47.0	46.0	25.0	25.0	24.0	25.0	4.0	4.0
MO	45.0	44.0	25.0	25.0	26.0	27.0	4.0	4.0
MT	6.0	5.0	9.0	11.0	60.0	55.0	25.0	29.0
NE	14.0	15.0	16.0	16.0	47.0	46.0	23.0	23.0
NM	10.0	8.0	10.0	9.0	40.0	42.0	40.0	41.0
ND	15.0	15.0	23.0	24.0	58.0	57.0	4.0	4.0
OH	75.0	75.0	15.0	15.0	10.0	10.0		
OK	33.0	35.0	26.0	26.0	32.0	31.0	9.0	8.0
OR	21.0	20.0	14.0	13.0	40.0	44.0	25.0	23.0
PA	75.0	75.0	13.0	13.0	12.0	12.0		
SD	13.0	12.0	17.0	18.0	58.0	57.0	12.0	13.0
TN	55.0	56.0	23.0	24.0	20.0	18.0	2.0	2.0
TX	30.0	29.0	19.0	20.0	33.0	35.0	18.0	16.0
UT	13.0	13.0	13.0	14.0	46.0	45.0	28.0	28.0
VA	45.0	46.0	25.0	26.0	26.5	24.0	3.5	4.0
WA	30.0	29.0	15.0	16.0	37.0	37.0	18.0	18.0
WY	3.0	4.0	9.0	9.0	52.0	51.0	36.0	36.0
Oth Sts	44.0	47.0	15.0	15.0	30.0	28.0	11.0	10.0
US	31.0	30.8	19.2	19.5	35.6	35.7	14.2	14.0

¹ Percents reflect average distributions of various probability surveys conducted during the year but are based primarily on beginning-of-year and mid-year surveys.

² Missing data combined with other size groups.

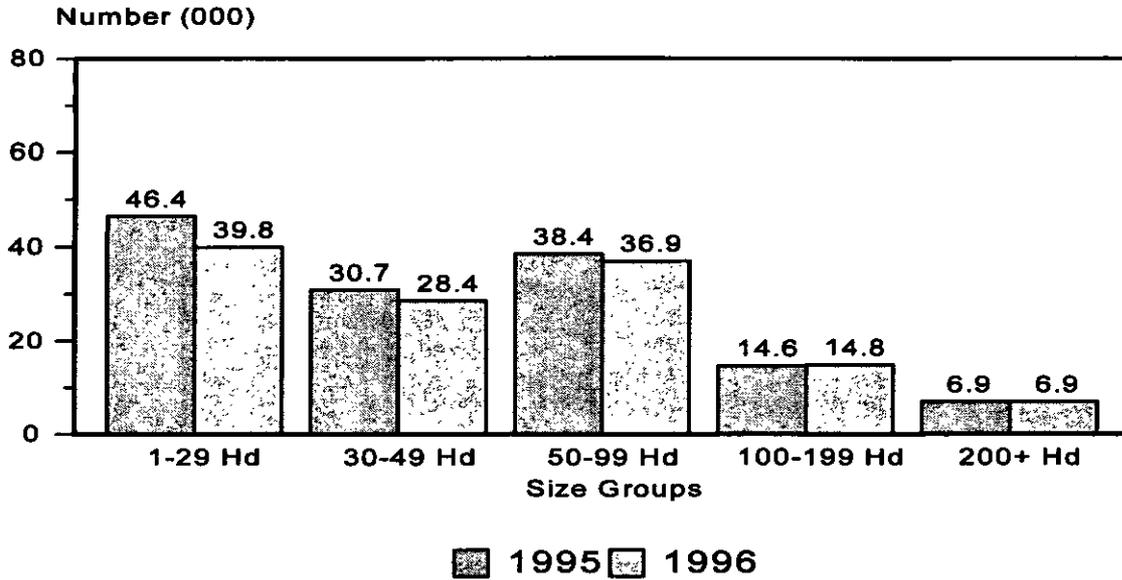
Milk Cows: Number of Operations by State and United States, 1995-96 ¹

State	Operations With Milk Cows ²	
	1995 <i>Number</i>	1996 <i>Number</i>
AL	350	300
AK	30	30
AZ	350	300
AR	1,700	1,500
CA	3,300	2,900
CO	1,000	900
CT	350	350
DE	150	120
FL	800	600
GA	900	800
HI	60	60
ID	1,500	1,400
IL	2,300	2,100
IN	3,900	3,600
IA	5,000	4,800
KS	1,400	1,200
KY	4,000	3,600
LA	1,000	900
ME	950	950
MD	1,100	1,100
MA	550	500
MI	4,700	4,400
MN	12,000	11,000
MS	700	600
MO	4,200	4,000
MT	900	800
NE	1,900	1,800
NV	200	200
NH	350	300
NJ	400	350
NM	900	700
NY	10,000	9,200
NC	1,300	1,200
ND	1,500	1,300
OH	7,200	6,500
OK	2,400	2,300
OR	1,300	1,100
PA	11,800	11,500
RI	40	40
SC	250	200
SD	2,400	2,000
TN	1,800	1,500
TX	3,700	3,000
UT	1,000	900
VT	2,100	2,100
VA	2,000	1,700
WA	1,800	1,700
WV	1,100	1,000
WI	28,000	27,000
WY	400	400
US	137,030	126,800

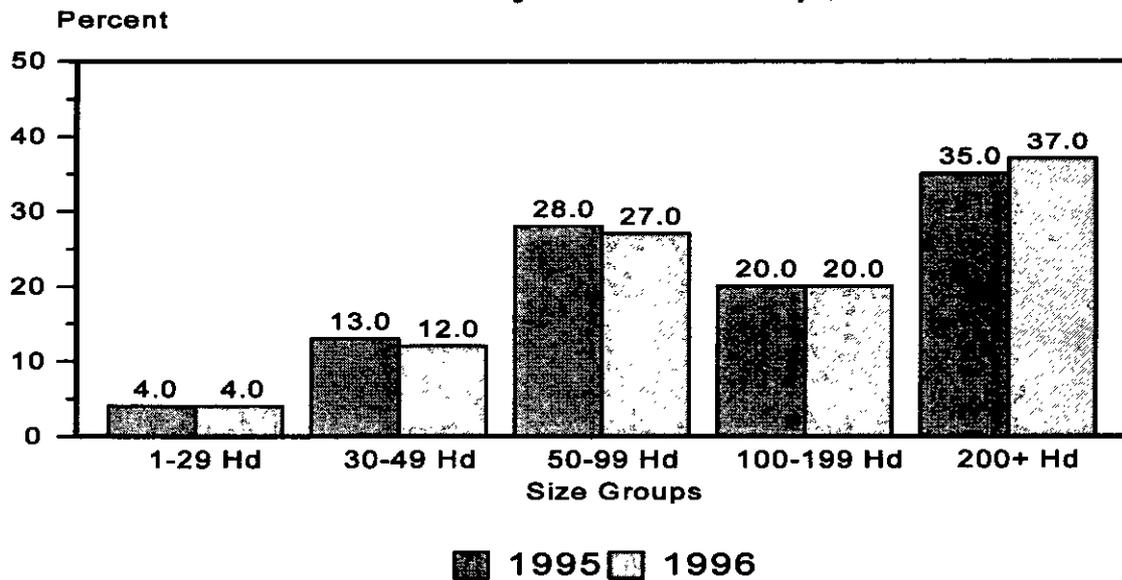
¹ An operation is any place having one or more head of milk cows on hand at any time during the year.

² Included in operations with cattle.

U.S. Milk Cow Operations Number by Size Group, 1995-96



U.S. Milk Cow Inventory Percent by Size Group, 1995-96



Milk Cows: Number of Operations by Size Group, Selected States, and United States, 1995-96^{1 2}

State	Operations Having					
	1-29 Head		30-49 Head		50-99 Head	
	1995	1996	1995	1996	1995	1996
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
AZ	240	190	0	0	0	0
CA	940	570	100	100	150	130
CO	670	630	30	30	80	50
FL	500	340	10	10	40	30
GA	330	300	30	20	150	140
ID	480	430	200	150	310	280
IL	480	430	450	420	1,000	880
IN	2,300	2,100	620	500	720	700
IA	1,500	1,300	1,500	1,300	1,500	1,650
KY	1,800	1,500	820	730	1,000	990
MD	190	190	150	130	460	480
MI	1,200	1,100	1,000	900	1,400	1,300
MN	2,500	2,100	4,500	4,100	4,100	3,800
MO	1,800	1,800	800	700	1,000	900
NM	750	550	0	0	10	10
NY	2,100	1,800	2,200	2,000	4,000	3,700
NC	610	570	70	60	240	210
OH	4,100	3,800	900	800	1,700	1,400
OR	700	530	50	50	200	150
PA	2,800	2,600	3,900	3,800	3,900	3,900
TN	440	300	400	290	570	540
TX	1,800	1,200	100	100	400	400
UT	400	300	70	70	210	190
VT	230	150	460	450	940	1,000
VA	740	550	170	130	560	520
WA	800	750	80	70	200	180
WI	5,600	5,000	9,900	9,500	9,800	9,600
Oth Sts	10,400	8,700	2,200	2,000	3,800	3,800
US	46,400	39,780	30,710	28,410	38,440	36,930

See footnotes at end of table.

--continued

Milk Cows: Number of Operations by Size Group, Selected States, and United States, 1995-96 ^{1 2} (continued)

State	Operations Having			
	100-199 Head		200+ Head	
	1995	1996	1995	1996
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
AZ	10	10	100	100
CA	310	300	1,800	1,800
CO	90	70	130	120
FL	50	40	200	180
GA	230	200	160	140
ID	260	250	250	290
IL	330	330	40	40
IN	220	250	40	50
IA	450	480	50	70
KY	340	330	40	50
MD	250	240	50	60
MI	880	880	220	220
MN	780	830	120	170
MO	520	550	80	50
NM	10	10	130	130
NY	1,300	1,300	400	400
NC	270	260	110	100
OH	400	400	100	100
OR	200	210	150	160
PA	1,000	1,000	200	200
TN	300	300	90	70
TX	800	700	600	600
UT	200	210	120	130
VT	350	350	120	150
VA	430	400	100	100
WA	350	320	370	380
WI	2,390	2,530	310	370
Oth Sts	1,850	2,000	830	700
US	14,570	14,750	6,910	6,930

¹ An operation is any place having one or more head of milk cows on hand at any time during the year.

² Included in operations with cattle.

Milk Cows: Percent of Inventory by Size Group, Selected States, and United States, 1995-96 ¹

State	Inventory on Operations Having									
	1-29 Head		30-49 Head		50-99 Head		100-199 Head		200+ Head	
	1995	1996	1995	1996	1995	1996	1995	1996	1995	1996
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
AZ	.5	.2					1.5	.8	98.0	99.0
CA	.1	.1	.3	.3	.9	.8	3.7	3.8	95.0	95.0
CO	2.4	2.4	1.6	1.5	7.0	5.1	15.0	13.0	74.0	78.0
FL	.3	.3	.2	.2	1.5	1.5	3.0	3.0	95.0	95.0
GA	1.0	1.1	1.0	.9	11.0	11.0	30.0	30.0	57.0	57.0
ID	1.4	1.0	3.6	2.3	10.0	7.2	16.0	13.5	69.0	76.0
IL	3.0	3.0	11.0	11.0	50.0	49.0	28.0	28.0	8.0	9.0
IN	13.0	13.0	18.0	15.0	39.0	36.0	20.0	24.0	10.0	12.0
IA	9.0	8.0	23.0	19.0	40.0	43.0	22.0	23.0	6.0	7.0
KY	9.0	8.5	19.0	17.0	40.0	42.0	25.0	25.0	7.0	7.5
MD	3.0	2.7	6.0	5.3	36.0	36.0	36.0	35.0	19.0	21.0
MI	5.0	5.0	12.0	11.0	30.0	28.0	33.0	35.0	20.0	21.0
MN	7.8	7.0	28.0	26.0	43.0	41.0	16.0	17.0	5.2	9.0
MO	6.0	9.0	16.0	15.0	37.0	33.0	31.0	33.0	10.0	10.0
NM	.9	.9			.4	.4	.7	.7	98.0	98.0
NY	3.0	2.7	13.0	11.3	39.0	37.0	25.0	28.0	20.0	21.0
NC	2.0	1.5	3.0	2.5	18.0	17.0	41.0	41.0	36.0	38.0
OH	15.0	13.0	14.0	13.0	42.0	40.0	19.0	22.0	10.0	12.0
OR	1.0	2.0	2.0	2.0	14.0	13.0	30.0	31.0	53.0	52.0
PA	6.8	6.0	24.0	23.0	41.0	41.0	19.0	20.0	9.2	10.0
TN	5.0	3.5	12.0	9.5	31.0	33.0	33.0	37.0	19.0	17.0
TX	1.0	1.2	1.0	1.0	9.0	7.8	27.0	24.0	62.0	66.0
UT	1.5	1.3	3.5	2.7	17.0	16.0	32.0	31.0	46.0	49.0
VT	2.0	1.0	14.0	11.0	36.0	39.0	26.0	24.0	22.0	25.0
VA	3.0	3.0	5.0	4.0	31.0	30.0	40.0	40.0	21.0	23.0
WA	.8	.9	1.2	1.1	6.0	5.0	21.0	20.0	71.0	73.0
WI	5.4	5.1	27.0	26.0	42.0	41.0	20.0	21.0	5.6	6.9
Oth Sts	4.5	4.0	9.5	9.0	32.0	31.0	26.0	23.0	28.0	33.0
US	4.0	4.0	13.0	12.0	28.0	27.0	20.0	20.0	35.0	37.0

¹ Percents reflect average distributions of various probability surveys conducted during the year but are based primarily on beginning-of-year and mid-year surveys.

Reliability of January 1 Cattle and Calves Estimates

Survey Procedures: A random sample of U.S. producers was surveyed to provide data for these estimates. Survey procedures ensured that all cattle producers, regardless of size, had a chance to be included in the survey. Large producers were sampled more heavily than small operations. Data were collected from about 50,000 operators during the first half of January by mail, telephone, and face-to-face personal interviews and 84 percent of the reports were usable. Regardless of when operators responded, they were asked to report inventories as of January 1.

Estimating Procedures: These cattle estimates were prepared by the Agricultural Statistics Board after reviewing recommendations and analysis submitted by each State office. National and State survey data were reviewed for reasonableness with each other and with estimates from the previous year using a balance sheet. The balance sheet begins with the previous inventory estimate, adds to it estimates of births and imports, and subtracts estimates of slaughter, exports, and deaths. This indicated ending inventory level is compared to the Agricultural Statistics Board estimate for reasonableness.

Revision Policy: Revisions to previous estimates are made to improve year to year and item to item relationships. Estimates for the previous year are subject to revision when current estimates are made. The reviews are primarily based on livestock slaughter and additional foreign trade and survey data. Estimates will also be reviewed after data from the Department of Commerce's five-year Census of Agriculture are available. No revisions will be made after that date.

Reliability: Since all cattle operators are not included in the sample, survey estimates are subject to sampling variability. Survey results are also subject to non-sampling errors such as omissions, duplications, and mistakes in reporting, recording, and processing the data. The effects of these errors cannot be measured directly. They are minimized through rigid quality controls in the data collection process and through a careful review of all reported data for consistency and reasonableness.

To assist users in evaluating the reliability of estimates in this report, the "**Root Mean Square Error**" is shown for selected items in the table below. The "Root Mean Square Error" is a statistical measure based on past performance and is computed using the differences between first and latest estimates. The "Root Mean Square Error" for cattle inventory estimates over the past 15 years is .6 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 101.2 million head by more than .6 percent, or about 607,000 head. Chances are 9 out of 10 that the difference will not exceed 1.1 percent, or about 1,113,000 head (the 90 percent confidence level).

The table below also shows a 15 year record of the range of differences between first and latest estimates for selected items. Using estimates of all cattle and calves as an example, changes between the first inventory estimate and the latest estimate during the past 15 years have averaged 515,000 head, ranging from 87,000 to 1,419,000 head. During this period the initial inventory estimate has been below the final estimate 2 times and above the final estimate 13 times. This does not imply that the January 1 estimate is likely to understate or overstate final inventory.

Reliability of January 1 Cattle Estimates ^{1 2}

Item	Root Mean Square Error	90 Percent Confidence Level		Difference Between First and Latest Estimates			Number of Years	
		Percent	Head	Average	Smallest	Largest	First Above Latest	First Below Latest
	<i>Percent</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Number</i>	<i>Number</i>
All Cattle	.6	1.1	1,113	515	87	1,419	13	2
All Cows	.8	1.4	610	266	29	940	12	3
Calf Crop	.8	1.3	515	205	5	670	13	2

¹ Based on data from January 1982 through January 1996.

² Data in the above table do not reflect the 1-3 percent changes made during the 1989-93 historic revision period. The root mean square error's would be about 1 percent higher if these were included.

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The next "Cattle" report will be released at 3 p.m. ET on July 18, 1997.

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